

06225128

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225128.__0
FILE DATE AND TIME: 10/30/2003 18:49

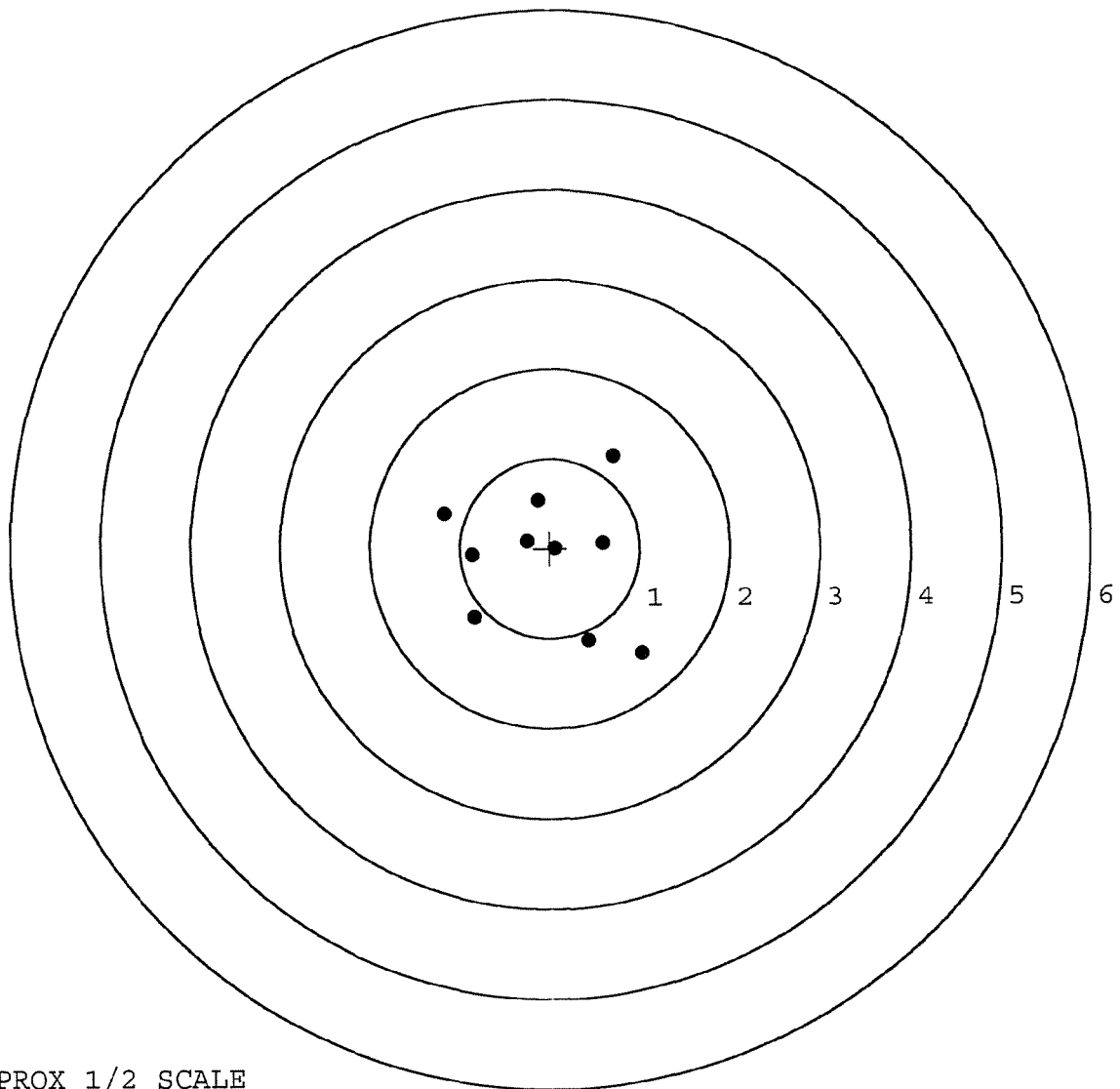
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.000
The Average Y Centroid of the Five Target Set:	-0.010
The Average Point of Impact of the Five Target Set:	0.010
The Average Mean Radius of the Five Target Set:	0.797
The Distance from POA to Centroid Target #1:	0.105
The Distance from Centroid Target #2 to Centroid Target #1:	0.226
The Distance from Centroid Target #3 to Centroid Target #1:	0.192
The Distance from Centroid Target #4 to Centroid Target #1:	0.162
The Distance from Centroid Target #5 to Centroid Target #1:	0.121

SERIAL NUMBER: C6225128. __0
TARGET NUMBER: 1
FILE DATE: 10/30/2003
FILE TIME: 18:49

X CENTROID: -0.047
Y CENTROID: -0.094
POA TO CENTROID: 0.105
HORZ SPREAD: 2.198
VERT SPREAD: 2.210
GROUP SPREAD: 2.702
MIN RADIUS: 0.136
MAX RADIUS: 1.523
MEAN RADIUS: 0.872
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.022	-1.179
2:	0.430	-1.031
3:	-0.840	-0.761
4:	-0.866	-0.067
5:	-1.176	0.392
6:	-0.134	0.535
7:	0.592	0.064
8:	0.709	1.031
9:	0.054	-0.003
10:	-0.259	0.083

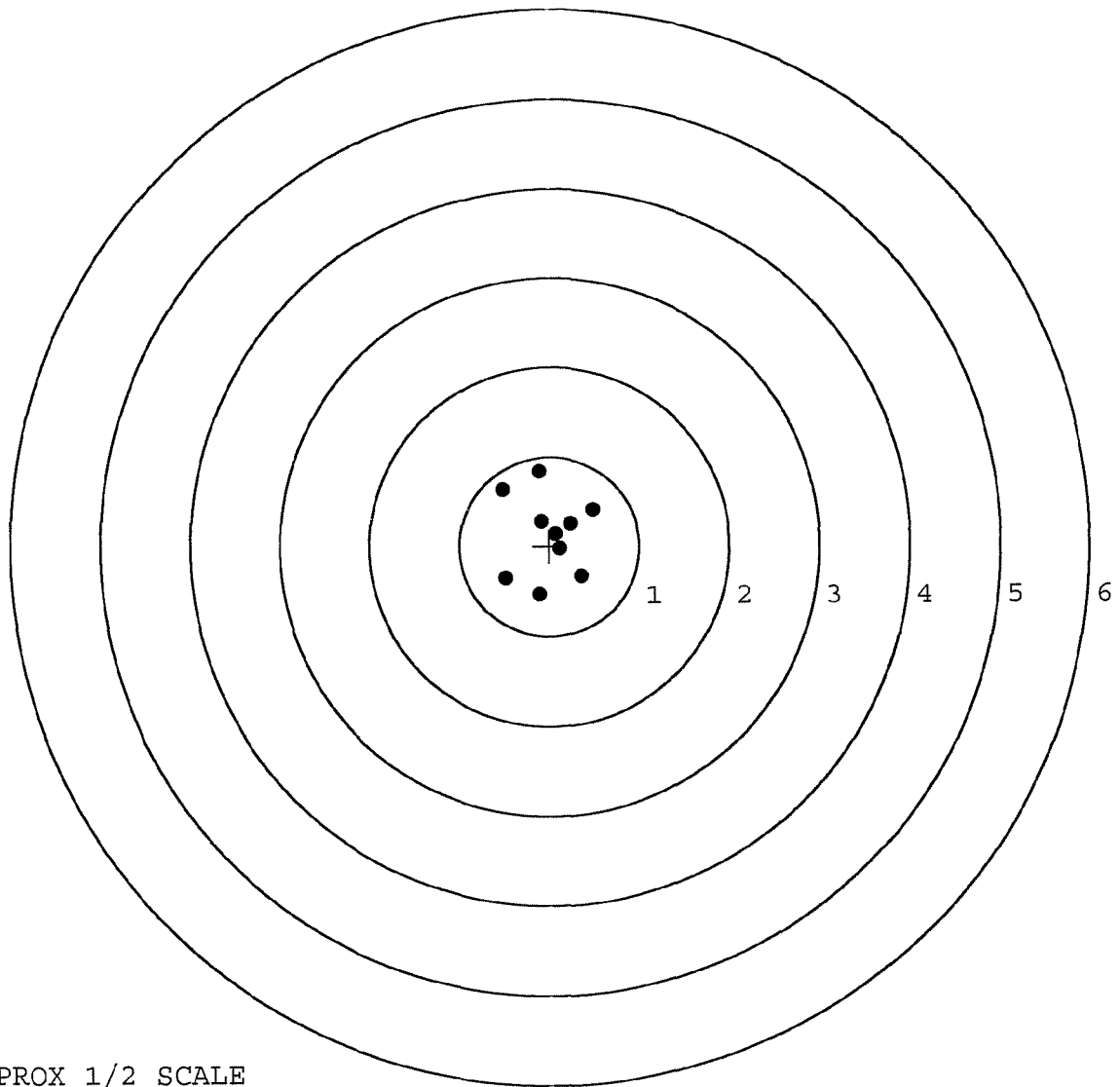


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225128.___0
TARGET NUMBER: 2
FILE DATE: 10/30/2003
FILE TIME: 18:49

X CENTROID: -0.009
Y CENTROID: 0.129
POA TO CENTROID: 0.129
HORZ SPREAD: 1.006
VERT SPREAD: 1.382
GROUP SPREAD: 1.313
MIN RADIUS: 0.080
MAX RADIUS: 0.722
MEAN RADIUS: 0.469
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.356	-0.339
2:	-0.117	-0.542
3:	-0.488	-0.358
4:	-0.525	0.634
5:	-0.116	0.840
6:	0.481	0.412
7:	0.230	0.259
8:	-0.097	0.278
9:	0.071	0.135
10:	0.119	-0.030

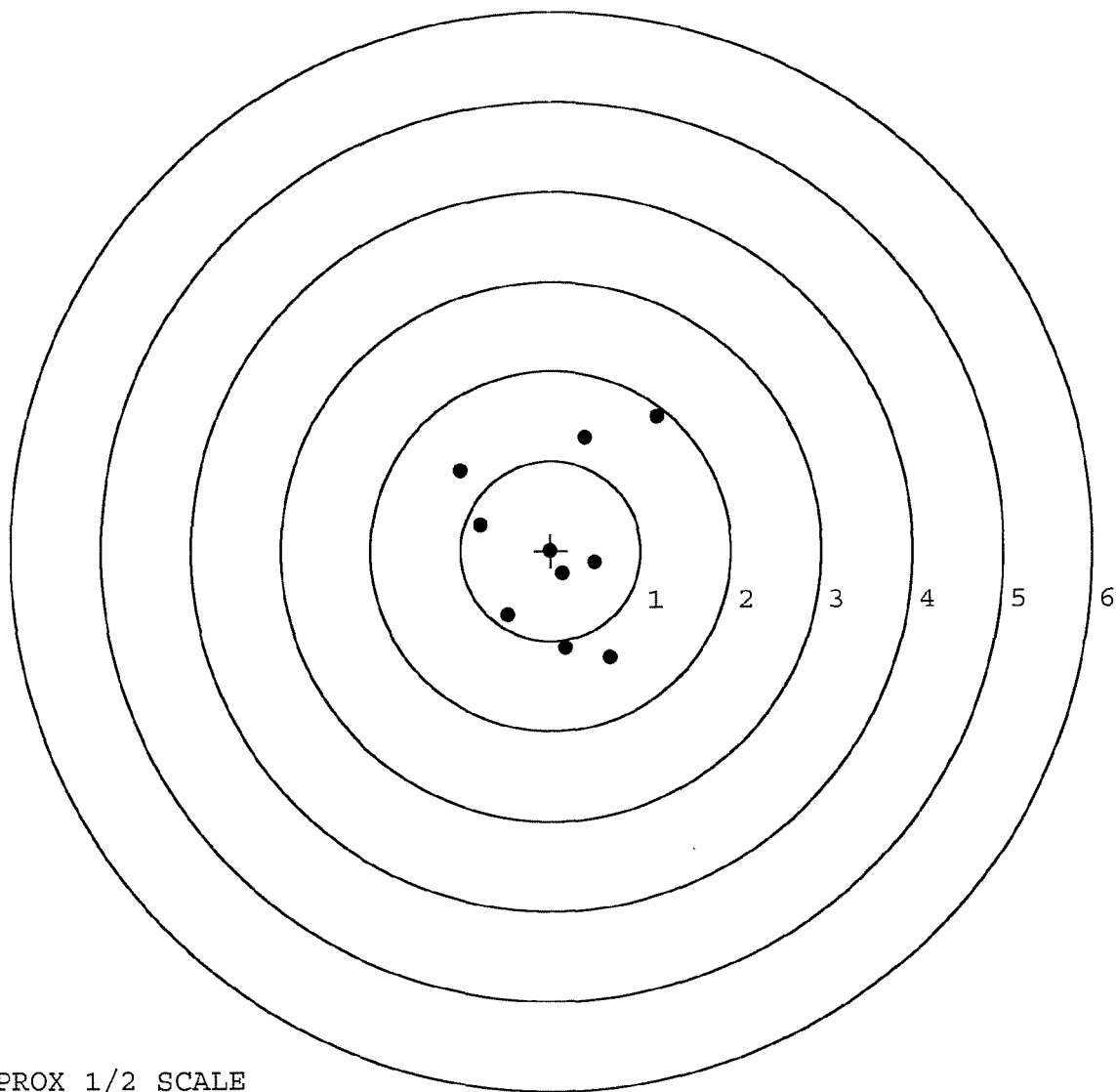


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225128. __0
TARGET NUMBER: 3
FILE DATE: 10/30/2003
FILE TIME: 18:49

POINT#	X	Y
1:	0.659	-1.191
2:	0.161	-1.083
3:	-0.484	-0.715
4:	0.133	-0.254
5:	0.492	-0.128
6:	-0.009	0.000
7:	-0.783	0.295
8:	-1.004	0.893
9:	0.385	1.258
10:	1.183	1.481

X CENTROID: 0.073
Y CENTROID: 0.056
POA TO CENTROID: 0.092
HORZ SPREAD: 2.187
VERT SPREAD: 2.672
GROUP SPREAD: 2.760
MIN RADIUS: 0.099
MAX RADIUS: 1.806
MEAN RADIUS: 0.964
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



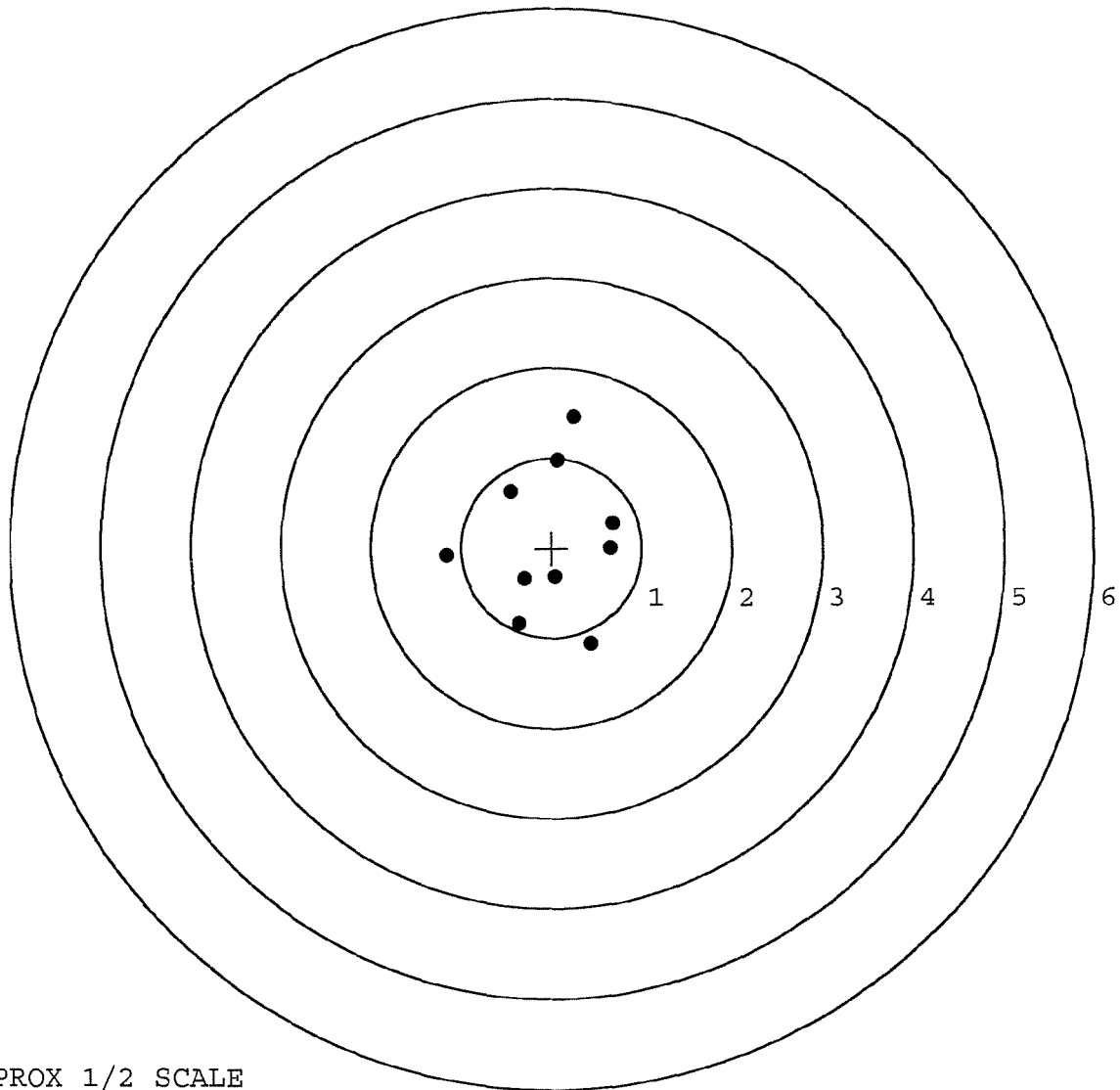
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225128. __0
TARGET NUMBER: 4
FILE DATE: 10/30/2003
FILE TIME: 18:49

X CENTROID: -0.019
Y CENTROID: 0.066
POA TO CENTROID: 0.069
HORZ SPREAD: 1.832
VERT SPREAD: 2.527
GROUP SPREAD: 2.535
MIN RADIUS: 0.396
MAX RADIUS: 1.417
MEAN RADIUS: 0.870

POINT#	X	Y
1:	0.653	0.005
2:	0.669	0.278
3:	0.061	0.975
4:	0.242	1.459
5:	-0.458	0.632
6:	-1.163	-0.089
7:	-0.305	-0.351
8:	0.038	-0.326
9:	-0.361	-0.851
10:	0.437	-1.068

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225128.___0

TARGET NUMBER: 5

FILE DATE: 10/30/2003

FILE TIME: 18:49

X CENTROID: 0.000

Y CENTROID: -0.205

POA TO CENTROID: 0.205

HORZ SPREAD: 2.198

VERT SPREAD: 1.580

GROUP SPREAD: 2.355

MIN RADIUS: 0.390

MAX RADIUS: 1.222

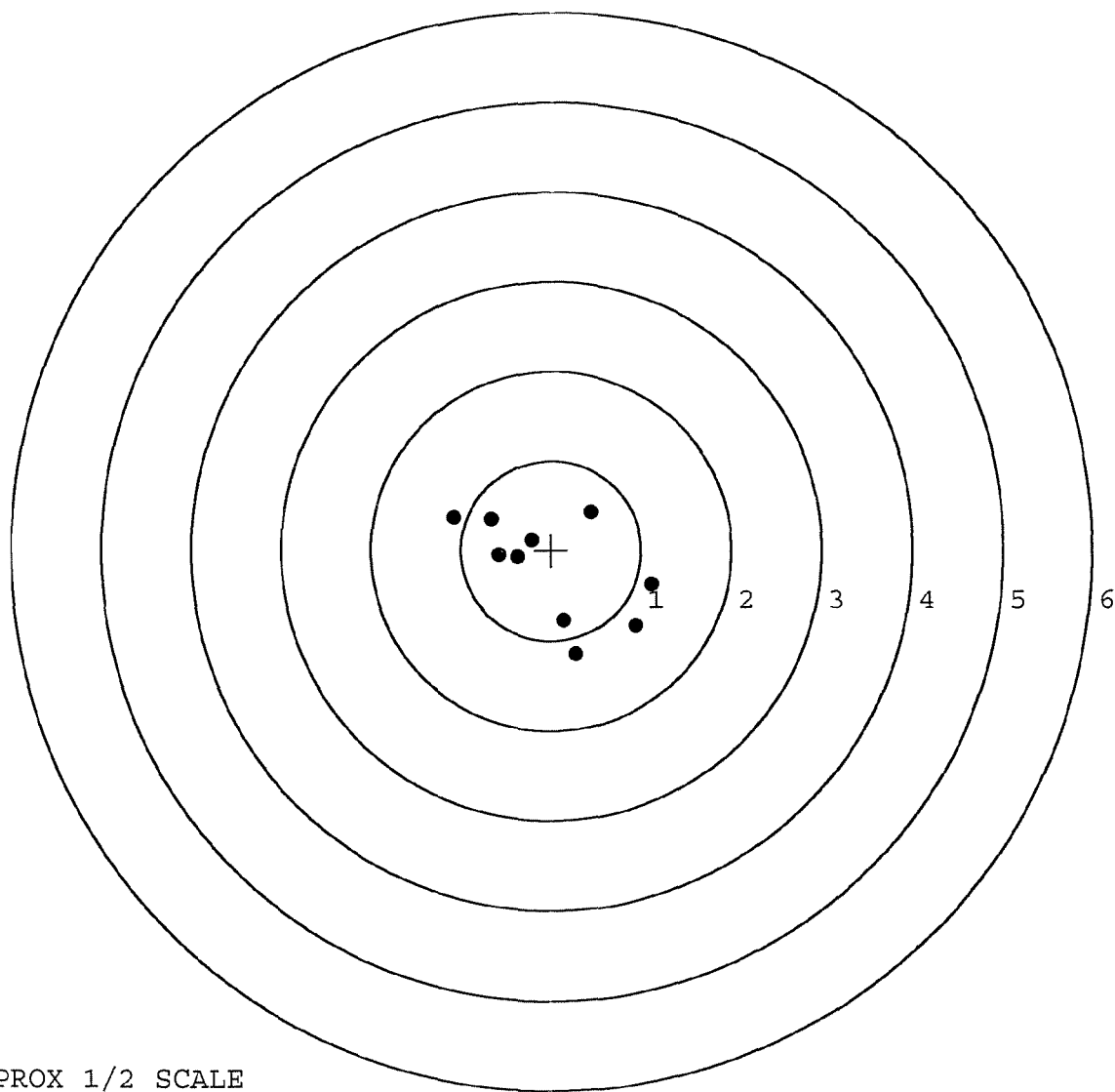
MEAN RADIUS: 0.809

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.116	-0.386
2:	0.944	-0.837
3:	0.142	-0.781
4:	0.277	-1.156
5:	0.445	0.424
6:	-0.217	0.119
7:	-0.376	-0.084
8:	-0.581	-0.056
9:	-0.668	0.346
10:	-1.082	0.363



TARGET APPROX 1/2 SCALE

FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # C6225128

INSPECTED BY: RTL

DATE REC'D: 10-14-03

DATE RET'D: 10-31-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	71438		
SERIAL NUMBER	C6225728		
LOG-IN DATE	10-14-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-15-03	RJL
560 A	RE-BARREL	10-16-03	RJL
B	DRILL AND TAP	10-16-03	TRW
575	ASSEMBLE	10-16-03	RJL
600	PROOF	10-16-03	RJL
605	CHECK HEADSPACE	10-16-03	RJL
610	DIS-ASSEMBLE GUN	10-16-03	RJL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10-16-03	RJL
618	ROTO-BLAST	10/17/2003	Dans
620	APPLY COATINGS	10-22	TA
625 A	FINAL ASSEMBLY	10-22-03	RR
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-30-03	TRW
655	FINAL INSPECT	10-31-03	RJL
660	PACK	10-31-03	DA
		SHIP DATE	
		QAR INSPECTION DATE	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6725128

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						4/11/90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						4/11/90	A
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.54	2.54	2.55	2.54	2.55	4/11/90	GU
	C) Function							
660	Pack						4/12/90	D/H

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225128
12 Apr 1990

CENTROIDAL DISTANCES

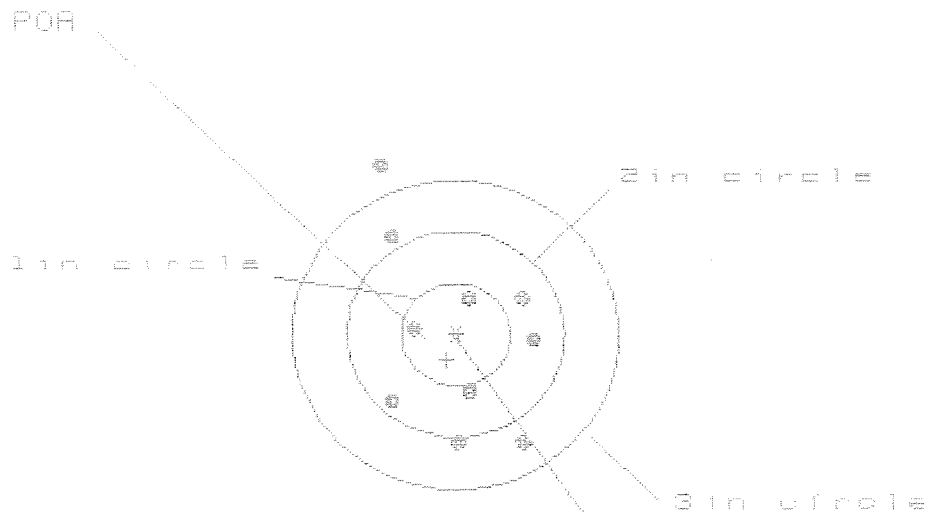
0 TO	1	.259
1 TO	2	.29304
1 TO	3	.152237
1 TO	4	.213846
1 TO	5	.268486

$\frac{31}{42}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0824
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1254
THE RESULTING AVERAGE POI RADIALS FOR THIS RIFLE IS: .15005
THE AMR FOR THIS RIFLE IS: .972

CG225128

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIE

1in = 2

2in = 6

3in = 9

HS= 1.286

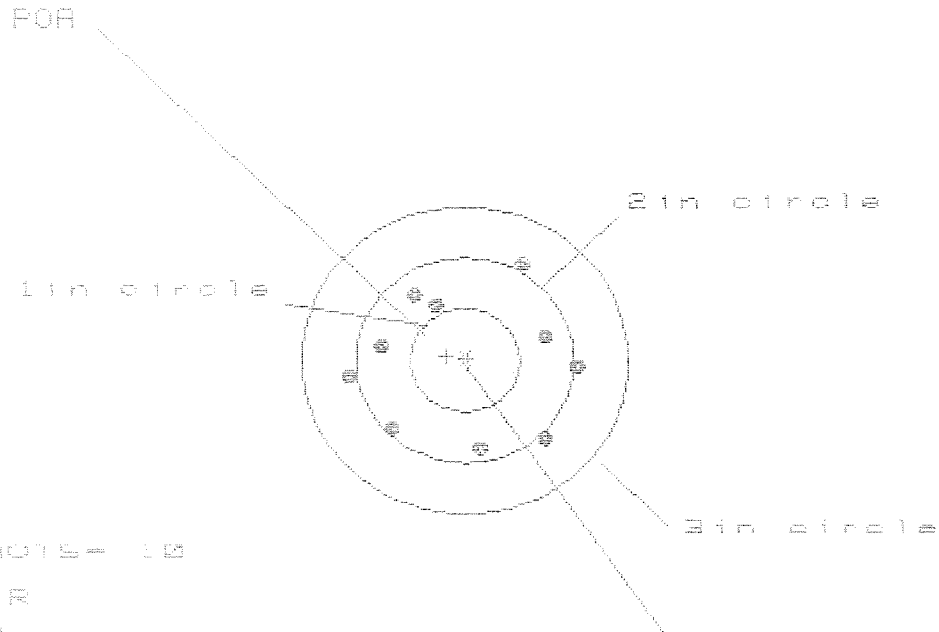
VS= 2.725

GS= 3.013

CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.750	.678	.749
MINIMUM X	:	-.646	-.676	-.605
MAXIMUM Y	:	1.635	1.126	1.913
MINIMUM Y	:	-1.090	-.909	-1.008
CENTROID X	:	.084	.156	.085
CENTROID Y	:	.245	.064	.177
POR TO CENTROID in.	:	.259	.169	.197
MIN RADIUS	:	.351	.323	.374
MEAN RADIUS	:	.884	.772	.727
MAX RADIUS	:	1.758	1.314	1.180
HORIZONTAL SPREAD	:	1.396	1.354	1.354
VERTICAL SPREAD	:	2.725	2.035	2.021
EXTREME SPREAD	:	3.013	2.385	2.102
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

CENTERFIRE PATTERNS # 2

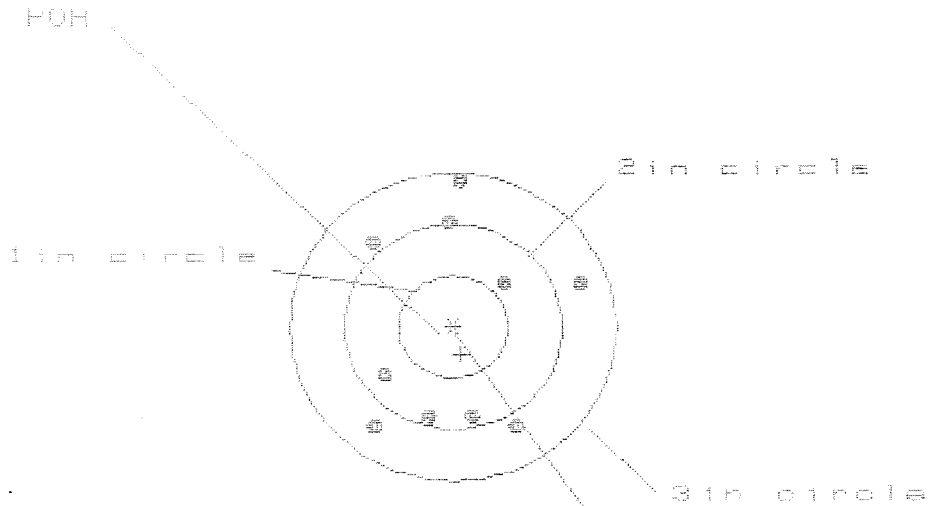


OF SHOTS = 10
 # IN CIR
 1in = 0
 2in = 6
 3in = 10
 HS = 2.044
 VS = 1.806
 GS = 2.049

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.001	1.087	.968
MINIMUM X	:	-1.043	-.957	-.818
MAXIMUM Y	:	.909	.823	.789
MINIMUM Y	:	-.897	-.983	-1.017
CENTROID X	:	.168	.082	.201
CENTROID Y	:	-.042	.044	.078
POA TO CENTROID in.	:	.173	.093	.216
MIN RADIUS	:	.588	.474	.500
MEAN RADIUS	:	.985	.865	.846
MAX RADIUS	:	1.101	1.095	1.025
HORIZONTAL SPREAD	:	2.044	2.044	1.786
VERTICAL SPREAD	:	1.806	1.806	1.806
EXTREME SPREAD	:	2.049	2.049	1.939
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 6

2 in = 5

3 in = 10

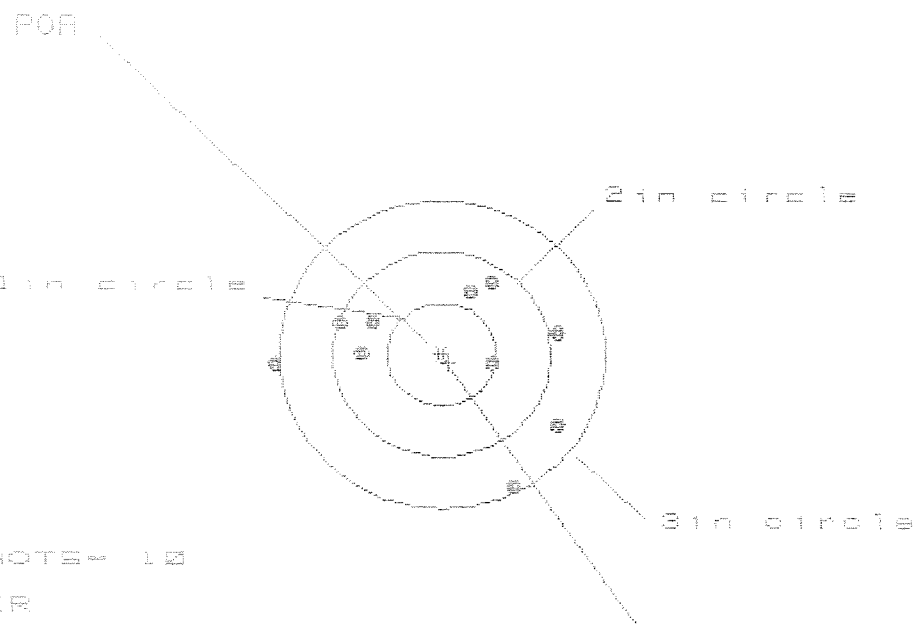
HS= 1.852

VS= 2.421

GS= 2.519

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.130	1.140	.693
MINIMUM X	-.722	-.712	-.570
MAXIMUM Y	1.428	1.138	1.206
MINIMUM Y	-.993	-.835	-.767
CENTROID X	-.066	-.076	-.218
CENTROID Y	.271	.113	.045
POA TO CENTROID in.	.279	.136	.223
MIN RADIUS	.649	.712	.564
MEAN RADIUS	1.025	.959	.899
MAX RADIUS	1.430	1.260	1.241
HORIZONTAL SPREAD	1.852	1.852	1.263
VERTICAL SPREAD	2.421	1.973	1.973
EXTREME SPREAD	2.519	2.263	2.257
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

CE = 2.681

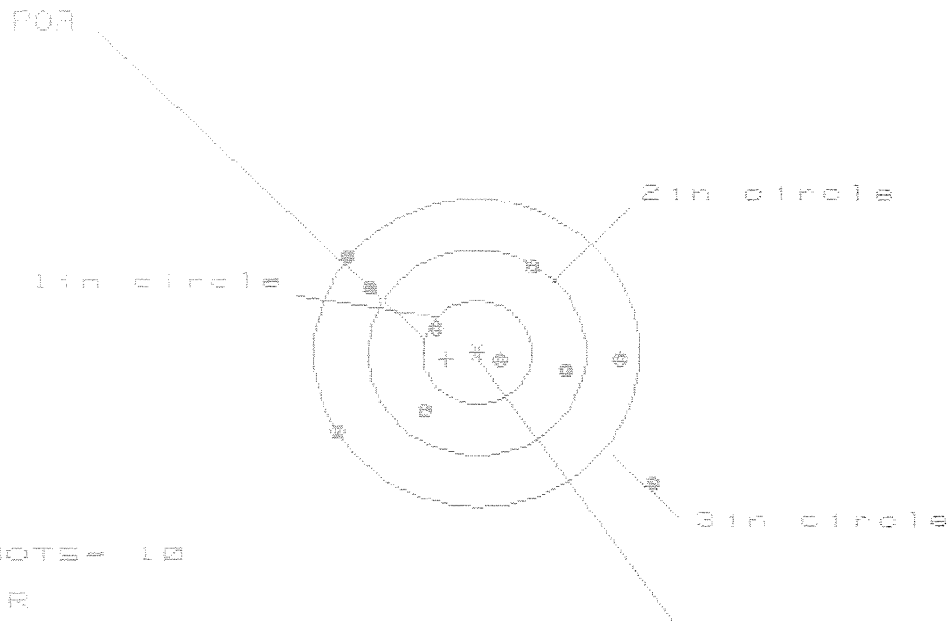
VE = 1.966

GE = 2.757

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.188	.933	.994
MINIMUM X	-1.573	-1.145	-1.084
MAXIMUM Y	.728	.728	.565
MINIMUM Y	-1.238	-1.246	-1.872
CENTROID X	-.059	.116	.055
CENTROID Y	.086	.094	.249
POA TO CENTROID in.	.185	.149	.255
MIN RADIUS	.448	.276	.406
MEAN RADIUS	.971	.883	.805
MAX RADIUS	1.574	1.336	1.322
HORIZONTAL SPREAD	2.681	2.078	2.078
VERTICAL SPREAD	1.966	1.966	1.437
EXTREME SPREAD	2.757	2.296	2.296
NUMBER IN ONE INCH CIRCLE =	1	5	9
NUMBER IN TWO INCH CIRCLE =	5	9	9
NUMBER IN THREE INCH CIRCLE =	9	9	9

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

151 = 2.815

VS = 2.110

GS = 3.518

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.601	1.455	1.317
MINIMUM X	:	-1.314	-1.136	-1.178
MAXIMUM Y	:	.893	.757	.644
MINIMUM Y	:	-1.217	-.910	-.789
CENTROID X	:	.285	.107	.249
CENTROID Y	:	.067	.283	.316
POR TO CENTROID in.	:	.292	.229	.402
MIN RADIUS	:	.219	.202	.299
MEAN RADIUS	:	1.075	.956	.887
MAX RADIUS	:	2.012	1.468	1.346
HORIZONTAL SPREAD	:	2.915	2.595	2.495
VERTICAL SPREAD	:	2.110	1.667	1.433
EXTREME SPREAD	:	3.518	2.701	2.659
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			7	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225128

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	SP.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/20/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/20/89	RW
	C) Inspect Ejector Hole for Chamfer		2/20/89	RW
	D) Oil Firing Pin Ass'y		2/20/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/20/89	QJ8

op. #	OP. NAME	READINGS			DATE	INITIAL		
625 cont.	F) Safety On Force	6	5	5	23 Feb 89	JS		
	G) Safety Off Force	3	3	3	23 Feb 89	JS		
	H) Trigger Pull Test & Retainability				21 Feb 89	JS		
	I) Firing Pin Indent	.021	.021	.0215	23 Feb 89	JS		
	J) Assemble Stock				2/23/89	RW		
	K) Assemble Swivel Studs				24 Feb 89	JS		
	L) Attach Front and Rear Sight Assemblies				2/23/89	RW		
	M) Iron Sight Alignment				2/23/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				2/23/89	RW		
	O) Attach Scope to Rifle				24 Feb 89	JS		
	P) Detach & Attach Scope 20 Times				24 Feb 89	JS		
640	Gallery Target & Test	78 R	75 L		2/24/89	DH		
	A) Time				2/24/89	DH		
	B) Malfunctions			NONE	2/24/89	DH		
	C) Pierced Primers			NONE	2/24/89	DH		
	D) Optical Clarity of Scope			"	2/24/89	DH		
645	Inspect for Live Ammo				2/24/89	DH		
655	Final Inspection							
	A) Headspace				24 Feb 89	JS		
	B) Trigger Pull	2.64	2.49	2.22	2.34	2.34	24 Feb 89	JS
	C) Function						24 Feb 89	JS
660	Pack						23 Mar 89	JS

Remington



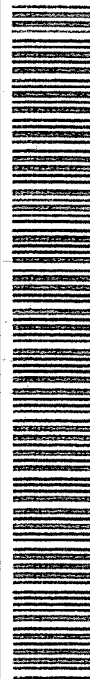
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700TM H24

SERIAL NO.
C6225128

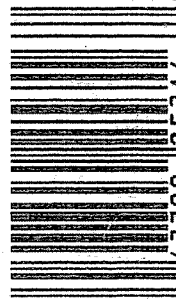
ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6225128

UPC



0 47700 25716 7

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6225128

DATE 2-21-89

TESTER J. V.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.41	2.50	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.44	2.41	2.49	
PULL #3	2.50	2.26	2.41	2.27	
PULL #4	2.37	2.32	2.40	2.34	
PULL #5	2.40	2.47	2.37	2.34	
TOTAL	12.00	11.90	12.09	12.08	
AVG.	2.400	2.380	2.418	2.416	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.25		
PULL #2	3.43	3.18		
PULL #3	3.29	3.27		
PULL #4	3.28	3.21		
PULL #5	3.36	3.24		
TOTAL	16.40	16.27		
AVG.	3.28	3.254		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.11		4.41
PULL #2	4.03	4.11		4.34
PULL #3	4.04	4.08		4.27
PULL #4	4.06	4.08		4.27
PULL #5	4.12	4.07		4.25
TOTAL	20.55	20.45		21.54
AVG.	4.110	4.09		4.308

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225128
24 Feb 1989

CENTROIDAL DISTANCES

Ø TO	1	.215615
1 TO	2	.276101
1 TO	3	.188162
1 TO	4	.278706
1 TO	5	.276134

LB <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .101
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1098
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .149188

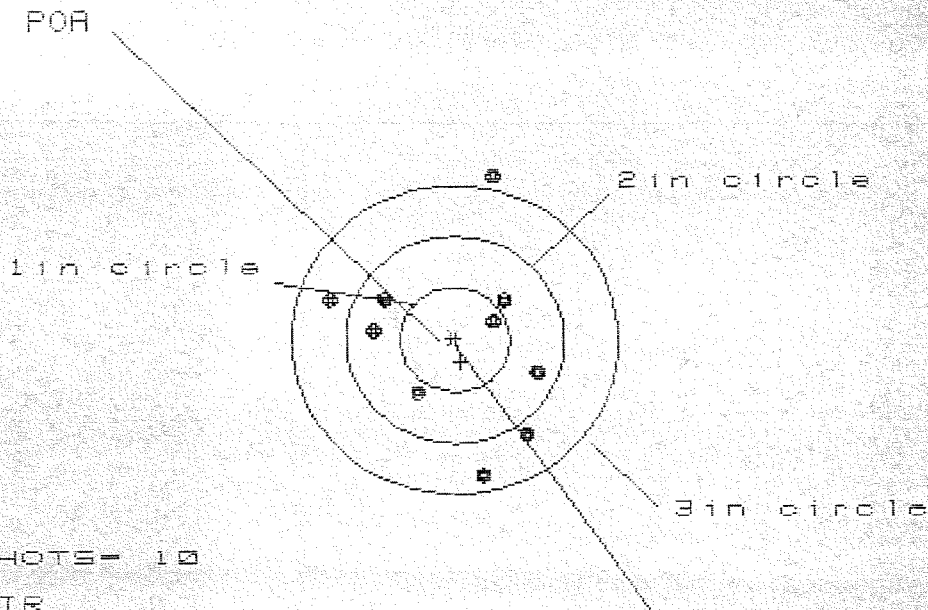
THE AMR FOR THIS RIFLE IS: .914

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS225128

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 1.908

VS = 2.894

GS = 2.897

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.793	.836	.873
MINIMUM X	-1.115	-1.072	-1.034
MAXIMUM Y	1.621	.590	.453
MINIMUM Y	-1.274	-1.093	-.874
CENTROID X	-.053	-.096	-.134
CENTROID Y	.209	.029	.166
POA TO CENTROID in.	.216	.101	.213
MIN RADIUS	.430	.478	.521
MEAN RADIUS	.938	.850	.801
MAX RADIUS	1.666	1.197	1.135
HORIZONTAL SPREAD	1.908	1.908	1.908
VERTICAL SPREAD	2.894	1.683	1.327
EXTREME SPREAD	2.897	2.169	2.169
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225128

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 10

HS= 2.007

VS= 2.064

GS= 2.565

CENTROID #

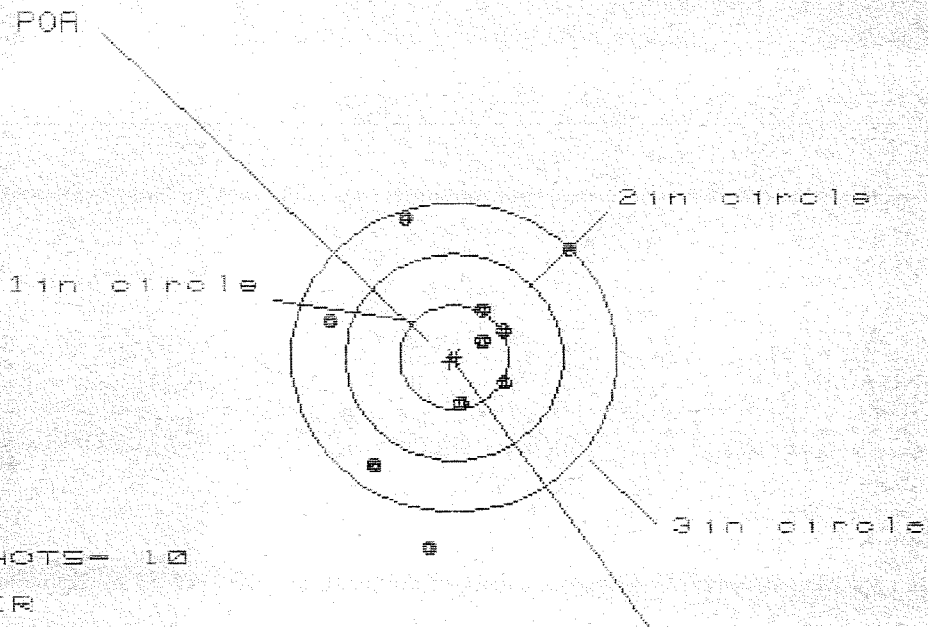
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.383	.862	.811
MINIMUM X	:	-.624	-.471	-.522
MAXIMUM Y	:	1.124	1.063	1.127
MINIMUM Y	:	-.940	-1.001	-.868
CENTROID X	:	.221	.068	.119
CENTROID Y	:	.175	.236	.103
POA TO CENTROID in.	:	.282	.245	.157
MIN RADIUS	:	.584	.452	.486
MEAN RADIUS	:	.873	.779	.723
MAX RADIUS	:	1.486	1.162	1.254
HORIZONTAL SPREAD	:	2.007	1.333	1.333
VERTICAL SPREAD	:	2.064	2.064	1.995
EXTREME SPREAD	:	2.565	2.149	2.149
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225128

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.194

VS= 3.191

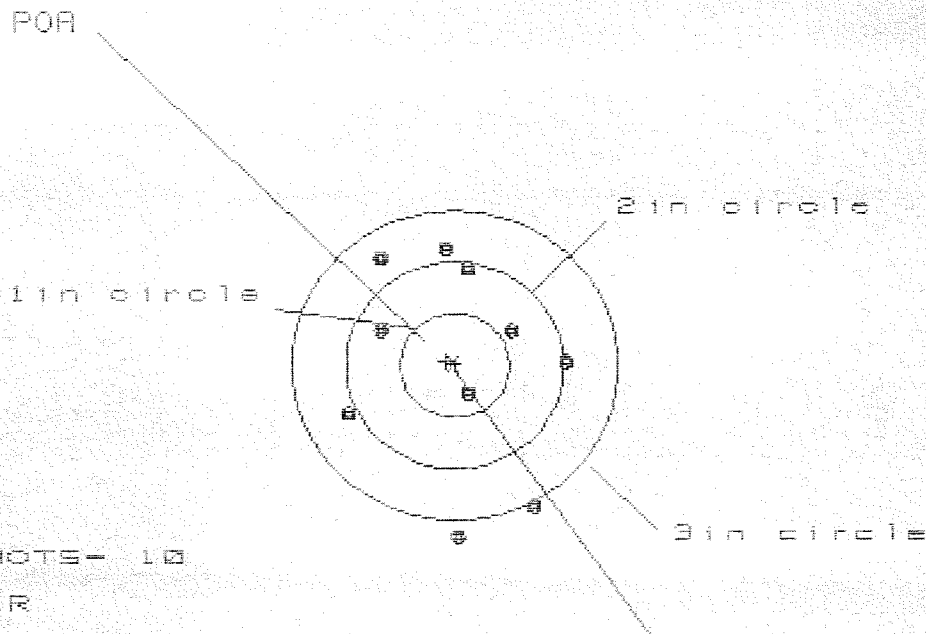
GS= 3.204

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.010	.988	.926
MINIMUM X	-1.184	-1.206	-1.268
MAXIMUM Y	1.369	1.167	.977
MINIMUM Y	-1.822	-1.237	-1.091
CENTROID X	.041	.063	.125
CENTROID Y	.046	.248	.102
POA TO CENTROID in.	.062	.256	.162
MIN RADIUS	.267	.202	.166
MEAN RADIUS	.955	.840	.757
MAX RADIUS	1.832	1.428	1.346
HORIZONTAL SPREAD	2.194	2.194	2.194
VERTICAL SPREAD	3.191	2.404	2.068
EXTREME SPREAD	3.204	2.678	2.678
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225128

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.001

VS= 2.821

GS= 2.825

CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.018	1.020	1.110
MINIMUM X	:	-.984	-.981	-.891
MAXIMUM Y	:	1.135	.947	.760
MINIMUM Y	:	-1.686	-1.501	-.789
CENTROID X	:	.078	.075	-.015
CENTROID Y	:	-.037	.151	.338
POA TO CENTROID in.	:	.086	.168	.339
MIN RADIUS	:	.324	.498	.567
MEAN RADIUS	:	1.023	.926	.808
MAX RADIUS	:	1.686	1.664	1.190
HORIZONTAL SPREAD	:	2.001	2.001	2.001
VERTICAL SPREAD	:	2.821	2.448	1.549
EXTREME SPREAD	:	2.825	2.703	2.042
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	9		

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225128

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

CENTROID *

HS= 1.593

VS= 2.469

GS= 2.556

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.840

.790

.811

MINIMUM X

-.853

-.903

-.882

MAXIMUM Y

1.277

1.019

.887

MINIMUM Y

-1.192

-1.050

-.611

CENTROID X

.218

.268

.247

CENTROID Y

.156

.014

.146

POA TO CENTROID in.

.269

.268

.287

MIN RADIUS

.169

.050

.160

MEAN RADIUS

.781

.682

.650

MAX RADIUS

1.352

1.217

1.097

HORIZONTAL SPREAD

1.693

1.693

1.693

VERTICAL SPREAD

2.469

2.069

1.498

EXTREME SPREAD

2.556

2.231

1.836

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 97-09511

INITIAL CUSTOMER ORDER NO.

JJM

012060

WOG 3 OF 19
M-24

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

05/14/97

05/14/97

LJ 2-89

C6225120

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC 28307

SHIP TO:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGGNC
28307

CUST NO:162915 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

FROM DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

☐ NEW☐ LIGHTLY WORN☐ WORN☐ VERY WORN☐ UNREPAIRABLE☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel

96001

Repruder Coat Trigger Guard
Assy, Front & Rear Sight Bases
Re-line Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD5925 REV. 11/95

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400049682

21 DAY TURN - AROUND

New
Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225728

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-16-97	Rw
605	CHECK HEADSPACE	5-16-97	Rw
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	7-9-97	Rw
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	7-21-97 7/16/97	Rw KT
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225128
16 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2064
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4146
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .463135

THE AMR FOR THIS RIFLE IS: 1.315

CENTROIDAL DISTANCES

0 TO	1	1.37327
1 TO	2	1.34942
1 TO	3	1.44393
1 TO	4	2.14131
1 TO	5	.682004

5

3² + <----POA

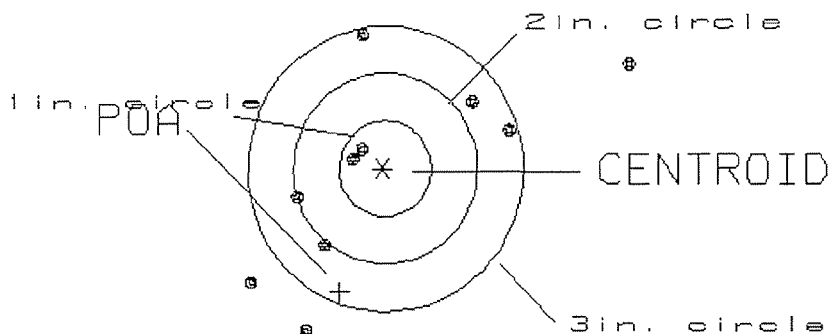
4

PATTERN #: L 1 E
 POA TO CENTROID: 1.373
 MIN RADIUS : .328
 MEAN RADIUS : 1.346
 MAX RADIUS : 2.830
 CENTROID X : .457
 CENTROID Y : 1.295

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225128

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.11
 VS= 3.14
 GS= 4.68

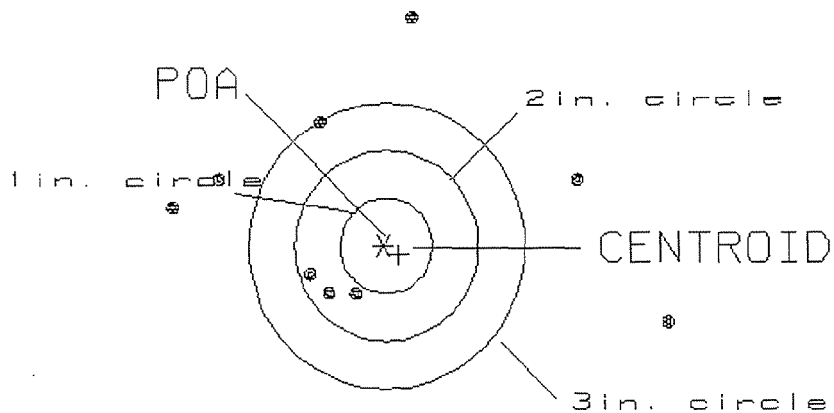
2
 2
 7

PATTERN #: 2
 POA TO CENTROID: .193
 MIN RADIUS : .606
 MEAN RADIUS : 1.948
 MAX RADIUS : 3.580
 CENTROID X : -.166
 CENTROID Y : .098

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225128

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 5.41
 VS= 5.76
 GS= 5.85

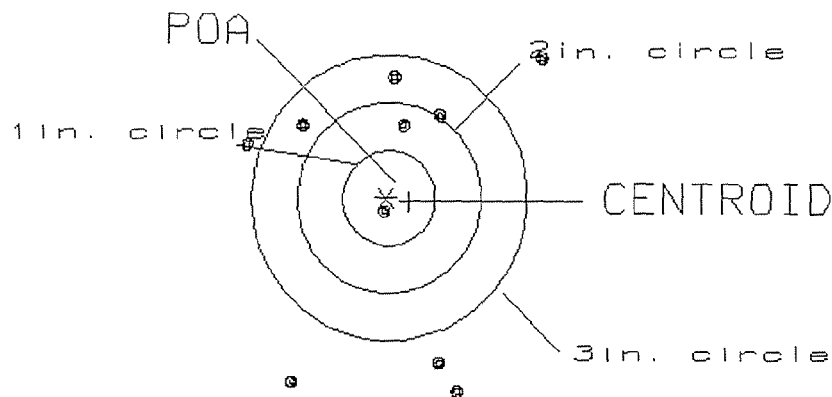
0
 3
 4

PATTERN #: 3
 POA TO CENTROID: .252
 MIN RADIUS : .127
 MEAN RADIUS : 1.452
 MAX RADIUS : 2.249
 CENTROID X : -.250
 CENTROID Y : .036

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225128

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.25
 VS= 3.56
 GS= 4.37

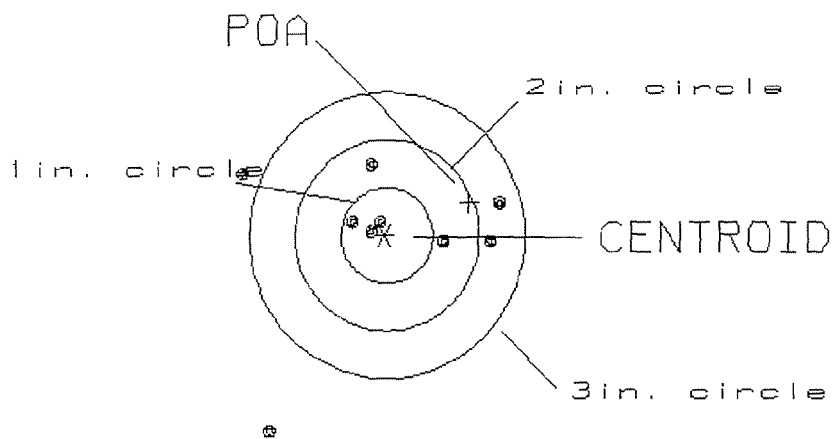
1
 2
 5

PATTERN #: 4
 POA TO CENTROID: .983
 MIN RADIUS : .133
 MEAN RADIUS : .927
 MAX RADIUS : 2.410
 CENTROID X : -.921
 CENTROID Y : -.344

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225128

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.76
 VS= 2.75
 GS= 3.47

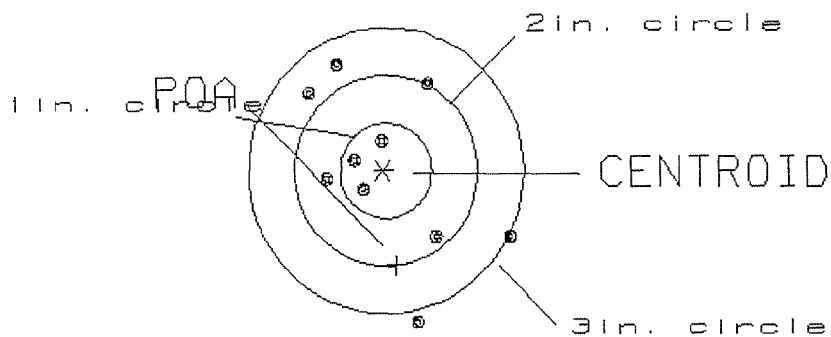
3
 6
 8

PATTERN #: 5
 POA TO CENTROID: 1.000
 MIN RADIUS : .279
 MEAN RADIUS : .904
 MAX RADIUS : 1.657
 CENTROID X : -.152
 CENTROID Y : .988

16 Jul 1997

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6225128

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.13
 VS= 2.74
 GS= 2.89

3
 5
 9

Final Inspection

Sn: C6225/28

DATE REC'D: 5-14-97

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☐ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☒ Mounting Screws☒ Mounting Base☐ Screws☐ Finish☐ Looseness☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225128
21 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4214
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2344
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .482205

THE AMR FOR THIS RIFLE IS: 1.09

CENTROIDAL DISTANCES

0 TO	1	.311284
1 TO	2	.736824
1 TO	3	.843665
1 TO	4	.731601
1 TO	5	.377478

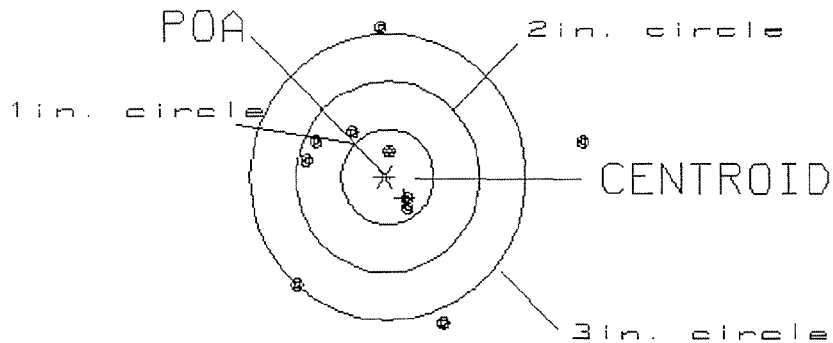
1
5 + <----POA
4
2
3

PATTERN #: 1
 POA TO CENTROID: .311
 MIN RADIUS : .271
 MEAN RADIUS : 1.016
 MAX RADIUS : 2.141
 CENTROID X : -.213
 CENTROID Y : .227

21 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225128.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.09

3

VS= 3.07

6

GS= 3.43

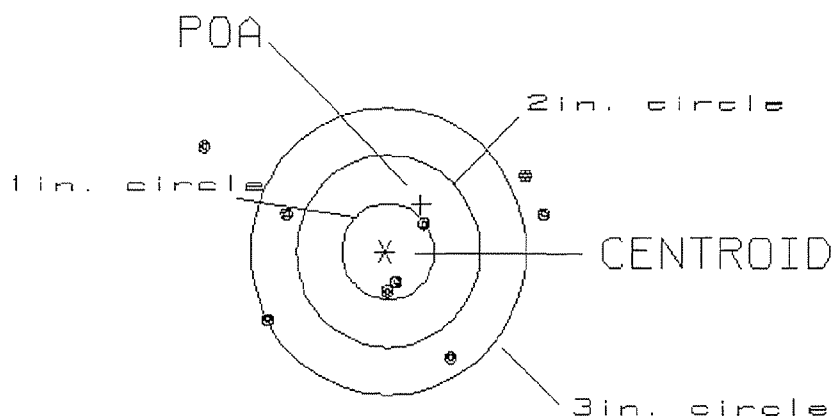
7

PATTERN #: 2
 POA TO CENTROID: .625
 MIN RADIUS : .285
 MEAN RADIUS : 1.119
 MAX RADIUS : 2.289
 CENTROID X : -.391
 CENTROID Y : -.488

21 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225128.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.72
 VS= 2.14
 GS= 3.78

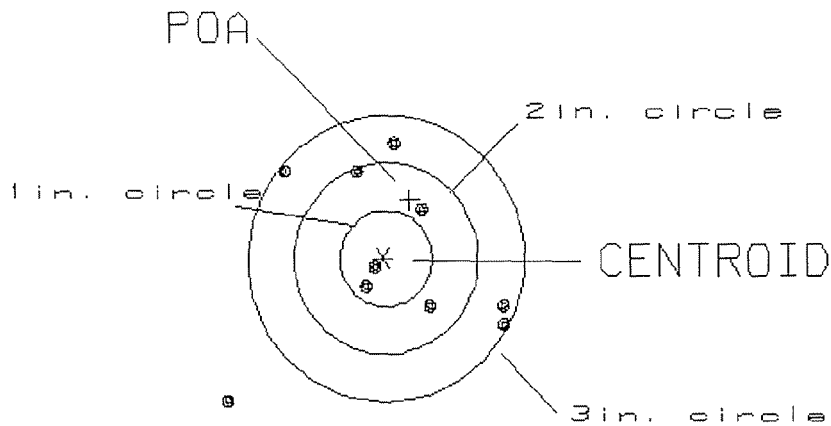
4
 4
 6

PATTERN #: 3
 POA TO CENTROID: .674
 MIN RADIUS : .155
 MEAN RADIUS : 1.059
 MAX RADIUS : 2.234
 CENTROID X : -.280
 CENTROID Y : -.614

21 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225128.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.98

2

VS= 2.69

5

GS= 3.24

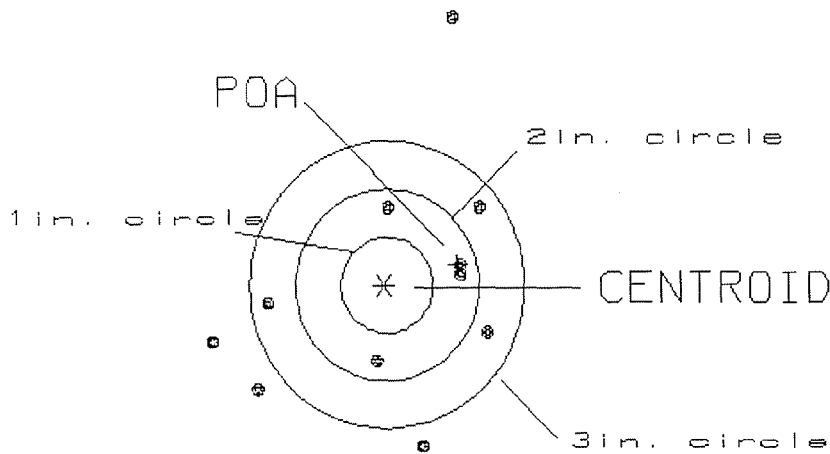
9

PATTERN #: 4
 POA TO CENTROID: .827
 MIN RADIUS : .762
 MEAN RADIUS : 1.399
 MAX RADIUS : 2.926
 CENTROID X : -.799
 CENTROID Y : -.211

21 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225128.1

CENTERFIRE PATTERN # 4



OF SHOTS= 11

IN CIRCLE

HS= 2.95

0

VS= 4.53

4

GS= 4.54

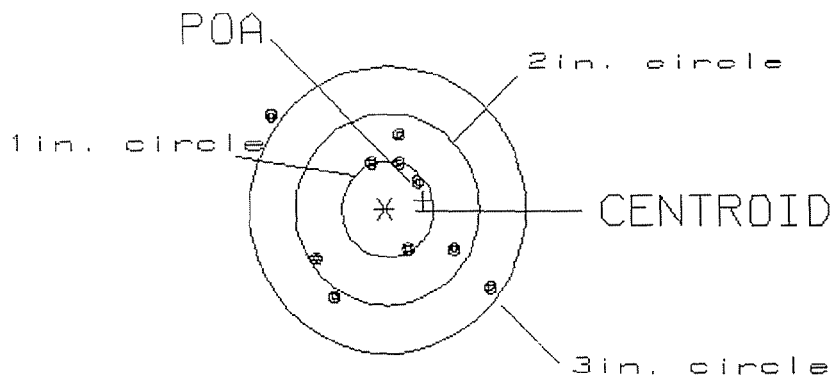
7

PATTERN #: 5
 POA TO CENTROID: .433
 MIN RADIUS : .464
 MEAN RADIUS : .855
 MAX RADIUS : 1.584
 CENTROID X : -.424
 CENTROID Y : -.086

21 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225120.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.35

2

VS= 1.89

7

GS= 2.94

9